

BSC 307 Laboratory Presentation Grade Sheet

Teacher's Guide:

Component	Point Value	Points Awarded
Purpose	1	
Concepts/Objectives/Standards	3	
Materials Needed	1	
Preparation Guide	1	
Individual Lab Set Up Described	1	
Time/Length of Lab	1	
Safety Issues	1	
Pre-lab Discussion Guide	2	
Post-lab Discussion Guide	2	
Adaptations for Students with Special Needs	1	
Lab Diagram (set up for class of 28 students)	2	

Total: _____ / 16 points

Student Worksheet:

Component	Point Value	Points Awarded
Problem listed	1	
Student forced to make prediction	1	
Clearly written procedure or directions	2	
Grammar/spelling is correct	2	
Student-friendly	1	
Follow-up questions or analysis present	2	
Worksheet sets the lab up well	2	

Total: _____ / 12 points

Class Presentation:

Component	Point Value	Points Awarded
Pre-lab provides essential instruction/background to students	2	
Lab materials are set up and ready to go	1	
Handouts are ready	1	
Teacher handles distribution of materials well	1	
Teacher uses questioning as a form of teaching	1	
Teacher answers student questions and/or probes for further understanding	1	
Pacing and voice inflection are appropriate	1	
Post-lab discussion summarizes the lab and encourages deeper thinking in students	2	
Teacher manages the room well for the entire teaching period	1	
Teacher is the instructional leader in the classroom	1	
Data is used as a tool for learning	2	

Total: _____ /14

Lesson Plan:

Engagement

0	1	2	3
Engagement strategy meets none of the 3 criteria.	Engagement strategy meets 1 out of the 3 criteria.	Engagement strategy meets 2 out of the 3 criteria.	Engagement strategy introduces the concept through example, captures the students' attention, and sets up learning well.

Exploration

0	1	2	3
Exploration strategy meets none of the 3 criteria.	Exploration strategy meets 1 out of the 3 criteria.	Exploration strategy meets 2 out of the 3 criteria.	Exploration strategy gives students the opportunity to interact with the material, discover concepts, and ask their own questions.

Explanation

0	1	2	3
Explanation strategy meets none of the 3 criteria.	Explanation strategy meets 1 out of the 3 criteria.	Explanation strategy meets 2 out of the 3 criteria.	Explanation strategy provides the students with an opportunity to demonstrate their knowledge of the concept, ties the engagement and exploration together, and allows the teacher to clarify misconceptions.

Extension

0	1	2	3
Extension strategy meets none of the 3 criteria.	Extension strategy meets 1 out of the 3 criteria.	Extension strategy meets 2 out of the 3 criteria.	Extension strategy allows the students to apply the concepts to new situations, build on prior knowledge, and extend their knowledge.

Evaluation

0	1	2	3
Evaluation strategy meets none of the 3 criteria.	Evaluation strategy meets 1 out of the 3 criteria.	Evaluation strategy meets 2 out of the 3 criteria.	Evaluation strategy is well matched to the lesson, allows for the teacher to assess student learning, and allows for the students to assess their own learning.

Total: _____ / 15

Summary:

Teacher's Guide: _____ / 16

Student Sheet: _____ / 12

Presentation: _____ / 14

Lesson Plan: _____ / 15

Total: _____ / 57

Recorded Score: _____ / 35